

STATE OF MISSOURI MISSOURI DEPARTMENT OF NATURAL RESOURCES GEOLOGICAL SURVEY PROGRAM

MAY 1 6 2012 FORM OGC-31

INJECTION WELL PERMIT APPLICATION (TO DRILL, DEEPEN, PLUG BACK, OR CONVERT AN EXISTING WELL) MO Oil & Gas Council

								1 0 1			· · · · · · · · · · · · · · · · · · ·
	Permit approval reviewed and of			ion. Approva	l or den	ial for injection	on determin	ed after i	леспапі	cal inte	egrity Test results
Z APPLICA	TION TO DRI	LL 🗆 [DEEPEN	☐ PLU	JG BAG	CK 🗆	FOR AN	OIL WE	LL		OR GAS WELL
	NY OR OPERATOR								DATE	20.40	
DDRESS	urce Exploration	on & Developr	nent, LLC		CITY				05/10/2 STATE		ZIP CODE
	Street, Suite	500			73333	and Park			KS		66210
	ON OF WELL		78 1 E A			Strong Bases					
AME OF LEASE					WELL	NUMBER			ELEVATI	ON (GRO	DUND
elton Unit				(O) (5 500TA	RW-5	SECTION LINES	21		1076 fe	eet	
ELL LOCATION	510)O # fram [North M Ca	outh section li				□ Most s	oction l	ino	
ELL LOCATION	010	it. Iroin [North M 20	outil Section iii	LATITU	DE	LONGITUDE		COUNTY		
ec. <u>16</u> To	wnship 46 No	orth Range 3	33 🔲 East	t 🕢 West	N38	48 58"	W94 34	28.8"	Cass		
EAREST DIST	ANCE FROM PRO	POSED LOCATI	ON TO PROPE	ERTY OR LEAS	SE LINE	358_ FEET	V				
	M PROPOSED LO						R WELL ON	THE SAM	E LEASE		FEET
O feet	Rotary OR (DRILLING CONT Jtah Oil, LL	RACTOR, NAME	AND ADD	RESS				APPRO. 06/01/	X. DATE WORK WILL STA
JMBER OF ACRE	C IN LEAGE										
0		IMBER OF WELL				., COMPLETE	D IN OR DRI	LLING TO	THIS RE	SERVO	DIR 101
		IMBER OF ABAN						T.10.05			RODUCING 64
	HASED WITH ON	E OR MORE WE	LLS DRILLED,	FROM WHOM	PURCH	ASED?		NO. OF	WELLS		RODUCING 64 INJECTION 28
ME DE EX											INACTIVE 8
DRESS 459	95 Highway K3	3, Wellsville,	KS 66092							AB	ANDONED 0
CTATU	S OF BOND	SING	LE WELL			☑ BLANK	ET BOND	oK		Z	ON FILE
		AMO	UNT \$				NT \$ <u>80,00</u>				ATTACHED ONE AND EXPECTED NE
	ppoposi	ED CACING DEC	CDAM			ADDROVE	D CASING	TO BE E	LLEDIN	DV CT	ATE CEOLOGIST
AMOUNT	SIZE	ED CASING PRO		CEM.		AMOUNT	SIZ			VT/FT	ATE GEOLOGIST CEM.
20'	7"		4	5 sks	_	20 '	7"	LE .		4	1-U11
650'	2 7/8"	6		125 sks	_	50'	2 7/8	<i>"</i>		.5	Langth
eport, and the complete to the	igned, state the at this report whe best of my	vas prepared	OO of the under my s	KREd (Corupervision a	npany) nd dire	, and that I ction and th	am author nat the fac	rized by ts stated	I therei	mpan n are t	y to make this true, correct, and
GNATURE	M								DATE	5/1	0/17
PROVED BY	7-20 6-4-	938 -12 n.		DRILLER'S LO CORE ANALY SAMPLES RE SAMPLES NO WATER SAME	SIS REC QUIRED T REQU	UIRED IF RUI	N 53	E-LOGS DRILL S			RUN IFO REQUIRED IF RUI
OTE >		BY THE OIL	FERABLE T	O ANY OTH	HER PI	ERSON OR	TO ANY	DORSE	MENT	OF T	APPROVAL OF HE GEOLOGIC PERMITTEE

MO 780-0212 (6-06)

REMIT TWO (2) COPIES TO: GEOLOGICAL SURVEY PROGRAM, PO BOX 250, ROLLA, MO 65402 573/368-2143.

ONE (1) COPY WILL BE RETURNED.

I, Leech of the Utah (Company), confirm that an approved drilling permit has been obtained by the owner of this well. Council approval of this permit will be shown on this form by presence of a permit number and signature of authorized council representative.

ı		
ı	DRILLER'S SIGNATURE	DATE
	J. 000	5110110
ı	PROPOSED OPERATIONS DATA	
	PROPOSED AVERAGE DAILY INJECTION,	PRESSURE 300 PSIG, RATE 300 BPD/GPM, VOLUME 100 BBL/GAL
	APPROVED AVERAGE DAILY INJECTION, (TO BE FILLED IN BY STATE GEOLOGIST)	PRESSURE 300 PSIG, RATE 300 BPD/GPM, VOLUME 100 BBL/GAL
	PROPOSED MAXIMUM DAILY INJECTION,	PRESSURE 300 PSIG, RATE 300 BPD/GPM, VOLUME 100 BBL/GAL
I	APPROVED MAXIMUM DAILY INJECTION, (TO BE FILLED IN BY STATE GEOLOGIST)	PRESSURE 300 PSIG, RATE 300 BPD/GPM, VOLUME 100 BBL/GAL
1	ESTIMATED FRACTURE PRESSURE GRADIENT O	FINJECTION ZONE 0.4 PSI/FOOT
	DESCRIBE THE SOURCE OF THE INJECTION FLU	Squirrel return water and rural water
Ì		ALYSIS OF THE INJECTION FLUID. (SUBMIT ON SEPARATE SHEET)
Ì	DESCRIBE THE COMPATIBILITY OF THE PROPOS SOLIDS COMPARISONS	ED INJECTION FLUID WITH THAT OF THE RECEIVING FORMATIONS, INCLUDIUNG TOTAL DISSOLVED
	We have been using these injection fluids	since the waterflood began with no issues. The formations respond to injection fluids. The

GIVE AN ACCURATE DESCRIPTION OF THE INJECTION ZONE INCLUDING LITHOLOGIC DESCRIPTIONS, GEOLOGIC NAME, THICKNESS, DEPTH, POROSITY, AND PERMEABILITY.

The upper, middle, and lower Squirrel Sandstone depth ranges from 516-615 feet with an average thickness of 90 feet. The upper Squirrel is generally 30 feet thick with 21% average porosity and 172 millidarcy's average permeability. The middle Squirrel is generally 20 feet thick with 22% average porosity and 1,000 millidarcy's average permeability. The lower Squirrel is generally 40 feet thick with 20.5% average porosity and 593 millidarcy's average permeability.

GIVE AN ACCURATE DESCRIPTION OF THE CONFINING ZONES INCLUDING LITHOLOGIC DESCRIPTION, GEOLOGIC NAME, THICKNESS, DEPTH, POROSITY, AND PERMEABILITY.

The confining layers of the Squirrel Sandstone consist of the the Fort Scott group above the sandstone and the Verdigris formation below the sandstone. The Fort Scott contains two prominent shales, the Blackwater Creek and the Excello, as well as the Blackjack Creek limestone that has a total thickness of 30-50 feet. The Verdigris formation consists of the the Ardmore limestone member and the Oakley shale with a total thickness of 20-40 feet. The zones are impermeable at less than 3% porosity.

SUBMIT ALL AVAILABLE LOGGING AND TESTING DATA ON THE WELL

injection fluids consist of recycled formation water and fresh water.

GIVE A DETAILED DESCRIPTION OF ANY WELL NEEDING CORRECTIVE ACTION THAT PENETRATES THE INJECTION ZONE IN THE AREA OF REVIEW (1/2 MILE RADIUS AROUND WELL). INCLUDE THE REASON FOR AND PROPOSED CORRECTIVE ACTION.

No corrective action needed.



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STATE OF MISSOURI MISSOURI DEPARTMENT OF NATURAL RESOURCES GEOLOGICAL SURVEY PROGRAM

INJECTION WELL LOCATION PLAT

OWNER'S NAME								
Kansas Resource Exploration & Development, LLC	C (K.R.E.D)							
LEASE NAME						COUNTY		
Belton Unit - RW-52						Cass		
	GIVE FOOTAGE FROM							
5100 ft. from ☐ North ☑ Sou	th section line	2240	ft. from	✓East	V	Vest section	n line	
Sec. 16 Township 46 North Range 33	East 🗸 We	et						
LATITUDE	2001 1	LONGITUDE						
N38° 48' 57.970"		W94° 34	28.7	'94"				
			PW-	51-1	-25	58'		
				15'	Ŭ			\rightarrow
				OK	10	W-5	8	2740
				1				
N —				0	21	.16		
1 1				2-1	-4	. 10		
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Y								
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								5
special groject status								
			- 1					
				_	,	5100		
REMARKS						7100		
Section 16 is an irregular section and larger than or	ne square mile.	See the attac	hed con	nputer ge	enera	ated map fo	or further ref	ference.
Plat Map Scale - 1 Square = 682.25 feet								
That Map Scale - 1 Square - 002.23 feet								
INSTRUCTIONS		This is to ce locate oil ar						
On the above plat, show distance of the proposed	well from the	that the res						2.000 and
two nearest section lines, the nearest lease line, ar	nd from the							
nearest well on the same lease completed in or dri same reservoir. Do not confuse survey lines with least								
See rule 10 CSR 50-2.030 for survey requirements								
must be marked.								
REGISTERED LAND SURVEY					1	NUMBER		
MO 780-1136 (02-11) REMIT ONE (1) COPY TO: STAT	E OIL AND GAS COLIN	ICII DO BOY 250	DOLLA MAC	CE400 E70	200 0	11.42		

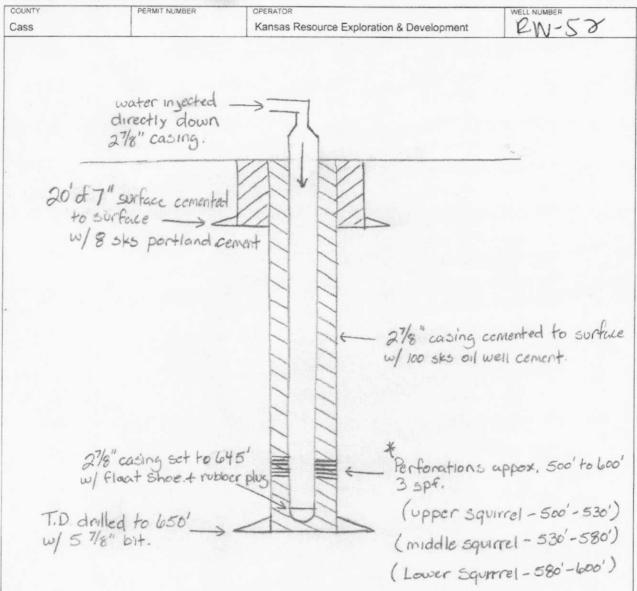




STATE OF MISSOURI MISSOURI DEPARTMENT OF NATURAL RESOURCES GEOLOGICAL SURVEY PROGRAM

INJECTION WELL SCHEMATIC

OGC-11



**Upper, middle and lower Source! Sections confined by Shale and Limestone.

INSTRUCTIONS ON THE ABOVE SPACE DRAW A NEAT, ACCURATE SCHEMATIC DIAGRAM OF THE APPLICANT INJECTION WELL,
INCUDING THE FOLLOWING: CONFIGURATION OF WELLHEAD, TOTAL DEPTH OR PLUG BACK TOTAL DEPTH, DEPTH OF ALL INJECTION
OR DISPOSAL INTERVALS, AND THEIR FORMATION NAMES, LITHOLOGY OF ALL FORMATIONS PENETRATED, DEPTHS OF THE TOPS
AND BOTTOMS OF ALL CASING AND TUBING, SIZE AND GRADE OF ALL CASING AND TUBING, AND THE TYPE AND DEPTH OF PACKER,
DEPTH, LOCATION, AND TYPE OF ALL CEMENT, DEPTH OF ALL PERFORATIONS AND SQUEEZE JOBS, AND GEOLOGIC NAME AND
DEPTH TO BOTTOM OF ALL UNDERGROUND SOURCES OF DRINKING WATER WHICH MAY BE AFFECTED BY THE INJECTION. USE BACK
IF ADDITIONAL SPACE IS NEEDED, OR ATTACH SHEET.

The surface casing is 7" in diameter and is new, limited service grade pipe. The 7" is drifted and tested to 7,000 lbs. and weighs 17 lbs. per foot. The surface casing will be set to a minimum depth of 20 feet and extend 6 inches above the surface. Approximately 8 sacks of Portland cement will be circulated to surface and will secure the well and ensure the contents of the well bore is sealed off from sources of drinking water. The production casing is used 2 7/8" EUE upset, drifted and tested to 7,000 lbs. No tubing will be ran in the injection wells, the injection fluid will be injected directly down the 2 7/8" casing. The total depth of the well will be approximately 650 feet drilled with a 5 5/8" bit. A 2 7/8" flapper type float shoe will be set at the base of the 2 7/8" casing pipe (645 feet) with centralizers installed to center the casing inside the well bore for better cement bonding. The 2 7/8" casing will be cemented from 650 feet to surface using a 2 7/8" rubber plug for displacing the cement. Approximately 100 sacks of high-grade Oil Well cement will be used to cement all wells. This cement will ensure that no contents of the pipe will leave the well bore. The top of the 2 7/8" casing will extend approximately one foot above ground level. After the cement has cured and effectively bonded to the 2 7/8" casing, perforations will be made in the Squirrel Sandstone formation from approximately 500-600 feet, depending on where the oil sand is present at this particular location. Wells will be shot with 3 perforations per foot where the squirrel sandstone oil reservoir is present and capable of water injection. No water sources are present at this depth and will not be affected by these perforations or the injection. The relevant sources of drinking water are located less than 20 feet below surface. The 7" surface pipe and durable Portland cement ensures these water sources will remain free from contamination from drilling and injection activity. Other sources of potential usable water may be present, however not always potable, in the Pennsylvanian and Mississippian formations located approximately 150 feet or deeper below the base of the Squirrel Sandstone.

The lithology of all formations penetrated by the wellbore are as follows:

<u>Formation</u>	Total Depth (feet)
Soil	0 - 2
Clay	2 - 6
Lime	6 – 28
Shale	28 – 49
Lime	49 – 64
Shale	64 – 69
Red Bed	69 – 78
Shale	78 – 82

Lime	82 -	- 87

Shale	431 – 443
Lime	443 – 448
Shale (Shale 452 – 453)	448 – 469
Gray Sand	469 – 471
Sdy. Shale (oil trace)	471 – 501
Very laminated Sand	501 – 502
Sandy Lime	502 – 503
Slightly lamin. Sand	503 – 504
Sandy Lime	504 – 505
Solid Sand	505 – 506.5
Shale	506.5 – 507
Slightly lamin. Sand	507 – 507.5
Sandy Shale	507.5 – 509.5
Solid Sand	509.5 - 510.5
Sandy Lime	510.5 – 511.5
Solid Sand	511.5 – 515.5
Sandy Lime	515.5 – 518
Solid Sand	518 – 520
Sandy Lime	520 – 521
Solid Sand	521 – 525
Sandy Lime	525 – 526
Laminated Sand	526 – 527
Sandy Shale	527 – 528.5
Sandy Lime	528.5 – 530
Solid Sand	530 – 533
Sandy Lime	533 – 534
Sandy Shale	534 – 535
Slightly laminated Sand	535 – 536.5

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Sandy Lime	536.5 - 538
Juliuy Lillic	550.5 550

INSTRUCTIONS

INSTRUCTIONS

In the grid below, place the descriptions of area of review wells (1/2 mile radius around well) of public record that penetrate the proposed injection zone. Complete the following: lease name, well number, location, owner, depth in feet, type of well (Oil = O, Gas = G, Water = W, Injection = I, Strat Test = S, Unknown = U, Other completion of information, detailing the cement, casing, and subsurface casing information. specify), date spudded, date completed, and construction of the well. Give a brief but accurate description of the well's construction including all plugging and/or

MO 780-1136 (02-11) Belton Unit LEASE R-18 R-17 R-16 R-15 R-14 R-13 R-12 R-11 R-10 WELL NO. SEC. 16 T. 46 N.R. 33W FROM(W)(S) SEC LINE FROM (E) SEC LINE FROM (E) SEC LINE FROM (E) SEC LINE SEC. 16 3330 FROM (E) SEC LINE SEC. 16 T. 46 N.R. 33Y 14 TFROM(N)(S) SEC LINE 18 3 FROM (E)(N) SEC LINE SEC. 16 SEC. 16 T. 46 N.R. 33W 573 FROM (N)(S) SEC LINE 567 FROM (N)(S) SEC LINE FROM(B)(S) SEC LINE FROM (B)(S) SEC LINE SEC. 16 T. 46 N.R. 33W SEC. 16 FROMUN(S) SEC LINE LOCATION T. 46 T. 46 N.R. 33W T. 46 N.R. 33W N.R. 33W N.R. 33W N.R. 33W N.R. 33W K.R.E. K.R.E. K.R.E.D K.R.E.D K.R.E.D K.R.E.D K.R.E.D K.R.E.D K.R.E.D OWNER Ö Ö 914.5 652.5 DEPTH 621' 637 626' 620' 627' 686 642' TYPE 0 0 0 0 0 0 0 0 0 01/29/2004 01/07/2004 09/17/2001 05/22/2000 05/16/2000 05/10/2000 05/15/2000 10/13/2003 12/15/2000 SPUDDED DATE COMPLETED 01/09/2004 01/30/2004 05/12/2000 09/19/2001 05/24/2000 05/16/2000 10/15/2003 05/18/2000 12/20/2000 4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump 4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump 4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump 4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump 4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump 4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump 4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump 4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump 4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump CONSTRUCTION

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INSTRUCTIONS

In the grid below, place the descriptions of area of review wells (1/2 mile radius around well) of public record that penetrate the proposed injection zone. Complete the following: lease name, well number, location, owner, depth in feet, type of well (Oil = O, Gas = G, Water = W, Injection = I, Strat Test = S, Unknown = U, Other - specify), date spudded, date completed, and construction of the well. Give a brief but accurate description of the well's construction including all plugging and/or

completion of information, detailing the cement, casing, and subsurface casing information.

WIO 700-1130 (UZ-11)	Belton Unit	Belton Unit	Belton Unit	Belton Unit	Belton Unit	Belton Unit	Belton Unit	Belton Unit	Belton Unit	LEASE
(02-11)	Jnit	Jnit		Unit		Unit	Unit	Unit	Unit	m
	RI-2	R-1	R-25	R-24	R-23	R-22	R-21	R-20	R-19	NO.
	53 FROM (E) SEC LINE SEC. 16 T. 46 N.R. 33W	SEC. 16 T. 46 N.R. 33W	II A LTAIC	SEC. 16 T. 46 N.R. 33W	SEC. 16 T. 46 N.R. 33W	FROM (N) SDEC LINE (N) SEC LINE (N) SEC LINE (N) SEC LINE (N) SEC. 16 T. 46 N.R. 33W	2015 FROM (N)(S)/SEC LINE 2015 FROM (B)(W) SEC LINE SEC. 16 T. 46 N.R. 33W	17.60 FROM (N)(S)SEC LINE 1045 FROM (E)(M) SEC LINE SEC. 16 T. 46 N.R. 33W	2010FROM (E) (SEC LINE 2010FROM (E) (SEC LINE SEC 16 T 46 N.R. 33W	LOCATION
	K.R.E.D	K.R.E.D	K.R.E.D	K.R.E.D	K.R.E.D	K.R.E.D	K.R.E.D	K.R.E.D	K.R.E.D.	OWNER
	627'	623'	660'	658'	660'	660'	635'	661'	621.5'	DEPTH
	_	_	0	0	0	0	0	0	0	TYPE
	U	07/26/2000	U	01/25/2008	U	12/04/2008	01/14/2008	01/18/2008	02/12/2004	DATE SPUDDED
	U	08/31/2000	7 X	NA	で/ X	N/A	01/16/2008	01/22/2008	02/13/2004	DATE COMPLETED
	4 1/2" casing cemented to surface	4 1/2" casing cemented to surface	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump	CONSTRUCTION

INSTRUCTIONS

				20001100	il Grand	ווסווומנוסוו.		
LEASE	WELL NO.	LOCATION	OWNER	DEPTH	TYPE	DATE SPUDDED	DATE COMPLETED	CONSTRUCTION
Belton Unit	RI-3	ROM(N)(S) SEC LINE	K.R.E.D.	635	-		1	4 1/2" casing cemented to surface
		SEC. 16 T. 46 N.R. 33W					(
Belton Unit	RI-4	2002 FROM (E) (2) SEC LINE	K.R.E.D	641'	_	08/25/2000	08/29/2000	4 1/2" casing cemented to surface
		SEC. 16 T. 46 N.R. 33W						
Belton Unit	R-5	790_FROM (B)(W) SEC LINE	K.R.E.D	637'	_			4 1/2" casing cemented to surface
		SEC. 16 T. 46 N.R. 33W				<	C	
Belton Unit	RI-6	367 FROM (E) SEC LINE	K.R.E.D	644'	_	\ <i>)</i>		4 1/2" casing cemented to surface
		SEC. 16 T. 46 N.R. 33W				(<	
Belton Unit	WSW-1	WSW-13527 FROM (E(W) SEC LINE	K.R.E.D	891'	\$	04/16/2001	04/14/2001	
Belton Unit	C-18	110 FROM (N)(S) SEC LINE	K.R.E.D	571'	Plugged)	0	Squeezed
		SEC. 16 T. 46 N.R. 33W				,	•	
Belton Unit	RW-7	3/4 FROM((b)(s) SEC LINE 3/15 FROM (E)(W) SEC LINE	K.R.E.D	638'	_	02/10/2004	02/11/2004	4 1/2" casing cemented to surface
		NOM W(S						4 1/2" casing cemented to surface
Belton Unit	RW-8	FROM (E)(W) SEC LINE	K.R.E.D	641.5'	×	02/12/2004	02/13/2004	orally collising to ourided
		ASOS EBOMONOS SECTINE						
Belton Unit	RW-9	RW-9 FROM (EM SEC LINE	K.R.E.D	647.5'	-	01/13/2004	01/15/2004	4 1/2" casing cemented to surface
MO 780-1136 (02-11)		SEC. 16 T. 46 N.R. 33W						
MO 780-1136 (UZ-11)								

INSTRUCTIONS

In the grid below, place the descriptions of area of review wells (1/2 mile radius around well) of public record that penetrate the proposed injection zone. Complete the following: lease name, well number, location, owner, depth in feet, type of well (Oil = O, Gas = G, Water = W, Injection = I, Strat Test = S, Unknown = U, Other - specify), date spudded, date completed, and construction of the well. Give a brief but accurate description of the well's construction including all plugging and/or

completion of information, detailing the cement, casing, and subsurface casing information.

	20					SEC. 9 T. 46 N.R. 33W		MO 780-1136 (02-11)
4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump	U	08/31/1987	0	637'	K.R.E.D	FROM (E)	AD-3	Belton Unit
4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump	12/10/2007	12/06/2007	0	657'	K.R.E.D	220 FROM (NG)SEC LINE 2000 FROM (E)W) SEC LINE SEC. 9 T. 46 N.R. 33W	AD-2	Belton Unit
4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump	01/04/2008	12/03/2007	0	615'	K.R.E.D	220 FROM (NS) BEC LINE 2424 FROM (E) W) SEC LINE SEC. 9 T. 46 N.R. 33W	AD-1	Belton Unit
4 1/2" casing cemented to surface	7/R	12/08/2008	-	661'	K.R.E.D	RW-19 32-10 FROM (N)S)SEC LINE RW-19 32-5 FROM (B)(W) SEC LINE SEC. 16 T. 46 N.R. 33W	RW-19	Belton Unit
4 1/2" casing cemented to surface	NA	12/02/2008	_	660'	K.R.E.D	FROM (N) SEC LINE SEC. 16 T. 46 N.R. 33W	RW-16	Belton Unit
4 1/2" casing cemented to surface	N/A	11/26/2008	-	660'	K.R.E.D	RW-15 26 FROM (N) SEC LINE RW-15 16 T. 46 N.R. 33W	RW-15	Belton Unit
4 1/2" casing cemented to surface	02/09/2004	02/06/2004	-	697'	K.R.E.D	RW-13 FROM())(S) SEC LINE RW-13 SEC. 16 T. 46 N.R. 33W	RW-13	Belton Unit
4 1/2" casing cemented to surface	02/06/2004	02/04/2004	-	652'	K.R.E.D	THAT FROM (S) SEC LINE RW-11 830 FROM (E) (SEC LINE SEC. 16 T. 46 N.R. 33W	RW-11	Belton Unit
4 1/2" casing cemented to surface	02/03/2004	02/02/2004	-	678'	K.R.E.D.	#022 FROM (N)(S) SEC LINE RW-10 FROM (E) SEC LINE SEC. 16 T. 46 N.R. 33W	RW-10	Belton Unit
CONSTRUCTION	DATE COMPLETED	DATE SPUDDED	TYPE	DEPTH	OWNER	LOCATION	WELL NO.	LEASE

INSTRUCTIONS

MO 780-1136 (02-11)	Belton Unit	Belton Unit	Belton Unit	Belton Unit	Belton Unit	Belton Unit	Belton Unit	Belton Unit	Belton Unit	LEASE
	AD-12	AD-11	AD-10	AD-9	AD-8	AD-7	AD-6	AD-5	AD-4	WELL NO.
SEC. 9 T.46 NR 33W	AD-12 FROM (E) (N) BEC LINE	621 FROM (N) SEC LINE 178 FROM (E) SEC LINE SEC. 9 T. 46 N.R. 33W	FROM (E) W/SEC LINE (E) FROM (FRO	630 FROM (N/S) SEC LINE 34b1 FROM (E) W SEC LINE SEC. 9 T. 46 N.R. 33W	298 FROM (N(S) BEC LINE 298 FROM (E) SEC LINE SEC. 9 T. 46 N.R. 33W	FROM (NS)SEC LINE SIEGFROM (E) SEC LINE SEC. 9 T. 46 NR. 33W	120 FROM (E) SEC LINE SEC . 9 T. 46 N.R. 33W	220 FROM (N) SEC LINE 125 FROM (E) SEC LINE SEC. 9 T. 46 N.R. 33W	LOCATION
	K.R.E.D	K.R.E.D	K.R.E.D	K.R.E.D	K.R.E.D	K.R.E.D	K.R.E.D	K.R.E.D	K.R.E.D.	OWNER
	710'	665'	659'	662'	622'	630'	708'	679'	666'	DEPTH
	0	Plugged	0	Plugged	0	0	0	0	0	TYPE
	01/23/2008	1301	05/25/1987	08/25/1987	05/14/1999	12/12/2007	01/31/2008	06/21/1987	07/14/1987	DATE SPUDDED
	02/26/2008	1484	07/21/1987	120 C	05/27/1999	12/14/2007	02/19/2008	06/25/1987	07/16/1987	DATE COMPLETED
	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump	4 1/2" casing cemented to surface Squeezed cement into formation to surface on 03/19/2012	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump	4 1/2" casing cemented to surface Squeezed cement into formation to surface on 04/04/2012	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump	CONSTRUCTION

INSTRUCTIONS

LEASE	NO.	LOCATION	OWNER	DEPTH	TYPE	SPUDDED	COMPLETED	CONSTRUCTION
Belton Unit	AD-13	AD-13 24720FROM (N/S)SEC LINE SEC. 9 1, 46 N.R. 33W	K.R.E.D.	700'	Plugged	12/21/2007	マ/ア	Cemented from bottom to top on 12/27/2007
Belton Unit	AD-14	AD-14 340X FROM (E) SEC LINE SEC. 9 T. 46 N.R. 33W	K.R.E.D	609'	0	04/21/1999	05/13/1999	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	AD-15		K.R.E.D	617'	0	11/13/1989	11/14/1989	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	AD-16		K.R.E.D	666'	Plugged	07/23/1987	07/23/1987 U-1987	4 1/2" casing cemented to surface Squeezed cement into formation to surface on 04/04/2012
Belton Unit	AD-17	FROM (E) SEC LINE FROM (E) SEC LINE SEC. 9 T. 46 NR. 33W	K.R.E.D	647'	0	~	C	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	AD-18	300 FROM (N) SEC LINE 300 FROM (B)(W) SEC LINE SEC. 9 T. 46 NR. 33W	K.R.E.D	676.5'	0	01/02/2008	02/26/2008	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	AD-21	3.3 FROM (N)(5) BEC LINE 3.00 FROM (E W) SEC LINE SEC. 9 T. 46 NR 33W	K.R.E.D	656'	0	09/11/2003	09/12/2003	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	AD-22	\$3.3 FROM (N)\$3 SEC LINE 17.12 FROM (E) W SEC LINE SEC. 9 T. 46 N.R. 33W	K.R.E.D	650'	0	06/13/1999	06/18/1999	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	AD-23	AD-23 FROM (E) SEC LINE SEC. 9 T.46 NR 33W	K.R.E.D	644'	0	09/09/2003	09/11/2003	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump

INSTRUCTIONS

Belton Unit Belton Unit	AD-24 AD-28 AD-29	1-10 1-10 10 10 1	K.R.E.D. K.R.E.D	672.5 629' 625'	0 0 0	12/27/2007 07/08/1999 06/18/1999	02/06/2008 07/14/1999 07/07/1999	2 3/8" tubing 3/4" rods and insert pump 4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump 4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump 4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	ADI-18	17 57 FROM (N/S) SEC LINE 1700 3-170 1700	K.R.E.D	651.5'	-	10/09/2003	10/10/2003	4 1/2" casing cemented to surface
Belton Unit	ADI-19	FROM (NK) SEC LINE (1972) FROM (E)((1975) SEC LINE (1975) SEC LINE (1975) FROM (E)((1975) SEC. 9 T. 46 N.R. 33W)	K.R.E.D	654.5'	_	10/07/2003	10/08/2003	4 1/2" casing cemented to surface
Belton Unit	ADI-24	ADI-24 SEC. 9 T. 46 N.R. 33W	K.R.E.D	662'	_	09/16/2003	09/17/2003	4 1/2" casing cemented to surface
Belton Unit	ADI-25	FROM (N) SEC LINE FROM (E) (M) SEC LINE SEC. 9 T. 46 N.R. 33W	K.R.E.D	651.5'	_	09/12/2003	09/15/2003	4 1/2" casing cemented to surface
Belton Unit	ADI-26	1951 FROM (N) SEC LINE 1452 FROM (E) (W) SEC LINE SEC. 9 T. 46 N.R. 33W	K.R.E.D	650.5'	-	09/17/2003	09/19/2003	4 1/2" casing cemented to surface
Belton Unit	ADI-27	SEC. 9 T. 46 N.R. 33W	K.R.E.D	674.1'	=	01/04/2008	04/16/2008	4 1/2" casing cemented to surface

INSTRUCTIONS

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	<	<	Linggen	000 831	7.7.7.7	SEC. 16 T. 46 N.R. 33W		
Squeezed cement into formation to surface		_	Phigged	600 est	X R F D	138 FROM (N)(S) SEC LINE FROM (E)(W) SEC LINE	0H-8	Belton Unit
Squeezed cement into formation to surface	C	< <	Plugged	600' est	K.R.E.D	53 FROM (S) SEC LINE SEC. 16 T. 46 N.R. 33W	OH-7	Belton Unit
Squeezed cement into formation to surface		C	Plugged	600' est	K.R.E.D	919 FROM(N)(S) SEC LINE 511 6 FROM (E)(M) SEC LINE SEC. 16 T. 46 N.R. 33W	0H-6	Belton Unit
4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump	<u></u>	<	0	600' est	K.R.E.D	833 FROM (S) SEC LINE 2124 FROM (E) SEC LINE SEC. 16 T 46 N.R. 33W	OH-5	Belton Unit
4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump	_	<	0	600' est	K.R.E.D	2318 FROM (E) (M) SEC LINE SEC. 16 T. 46 N.R. 33W	OH-4	Belton Unit
4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump	_	<u></u>	0	600' est	K.R.E.D	13 FROM (NS) SEC LINE 15 FROM (E)(NSEC LINE SEC. 16 T. 46 N.R. 33W	ОН-3	Belton Unit
4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump	<	C	0	600' est	K.R.E.D	3051 FROM (E)(S) SEC. 16 T. 46	OH-2	Belton Unit
4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump	C	C	0	600' est	K.R.E.D	OH-1 340 FROM (A)S SEC LINE OH-1 SEC. 16 T. 46 N.R. 33W	OH-1	Belton Unit
4 1/2" casing cemented to surface	<	C	-	600' est	K.R.E.D.		ADI-41	Belton Unit
CONSTRUCTION	DATE	DATE SPUDDED	TYPE	DEPTH	OWNER	ł	WELL NO.	LEASE

INSTRUCTIONS

In the grid below, place the descriptions of area of review wells (1/2 mile radius around well) of public record that penetrate the proposed injection zone. Complete the following: lease name, well number, location, owner, depth in feet, type of well (Oil = O, Gas = G, Water = W, Injection = I, Strat Test = S, Unknown = U, Other completion of information, detailing the cement, casing, and subsurface casing information. specify), date spudded, date completed, and construction of the well. Give a brief but accurate description of the well's construction including all plugging and/or

MO 780-1136 (02-11) Clark-Berry Clark-Berry Clark-Berry Clark-Berry Clark-Berry Belton Unit Belton Unit Belton Unit Belton Unit LEASE CBI-1 CB-4 UK-3 CB-3 CB-2 CB-1 UK-2 0H-9 UK-1 WELL NO. SEC. 16 T. 46 N.R. 33W 257 UFROM (SWS) SEC LINE 257 FROM (E) (W) SEC LINE SEC. 16 T. 46 N.R. 33W FROM (N) SEC LINE LT 16 FROW (A) (M) SEC LINE POSO FROM (N)(S) SEC LINE FROM (E) SEC LINE DOOL FROM (E) (M) BEC LINE SOZJEROM (E)(M) SEC LINE SEC. 16 FROM (N) SEC LINE FROM (E) SEC LINE FROM (N)(S) SEC LINE FROM(N)(S) SEC LINE SEC. 16 SEC. 16 T. 46 N.R. 33W 1300 FROM (B) (W) SEC LINE SEC. 16 530 FROM (N) SEC LINE FROM (N)(S) SEC LINE T. 46 LOCATION T. 46 N.R. 33W T. 46 N.R. 33W T. 46 .46 N.R. 33W N.R. 33W N.R. 33W N.R. 33W K.R.E.D K.R.E.D K.R.E.D K.R.E.D K.R.E.D K.R.E.D K.R.E.D K.R.E.D K.R.E.D OWNER 600' est DEPTH 629' 619 625 625 625 \subset \subset \subset Plugged TYPE 0 0 0 0 0 0 0 03/22/1999 03/30/1999 03/25/1999 03/22/1999 DATE SPUDDED DATE COMPLETED 03/30/1999 03/25/1999 04/02/1999 4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump 4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump 4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump 4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump 4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump 2 7/8" with 1" tubing and insert pump 2 7/8" with 1" tubing and insert pump Squeezed cement into formation to surface 1/2" casing cemented to surface CONSTRUCTION

10

INSTRUCTIONS

In the grid below, place the descriptions of area of review wells (1/2 mile radius around well) of public record that penetrate the proposed injection zone. Complete the following: lease name, well number, location, owner, depth in feet, type of well (Oil = O, Gas = G, Water = W, Injection = I, Strat Test = S, Unknown = U, Other - specify), date spudded, date completed, and construction of the well. Give a brief but accurate description of the well's construction including all plugging and/or

completion of information, detailing the cement, casing, and subsurface casing information.

LEASE	WELL NO.	LOCATION	OWNER	DEPTH	TYPE	DATE	DATE	CONSTRUCTION
Clark-Berry	CBI-2	348 FROM (N)(S) SEC LINE	K.R.E.D.	634'	_	04/02/1999	04/07/1999	4 1/2" casing cemented to surface
		SEC. 16 T. 46 N.R. 33W						
		~						
		FROM (E)(W) SEC LINE						
		SECTN.R						
		FROM (N)(S) SEC LINE						
		FROM (E)(W) SEC LINE						
		SECTN.R						
		FROM (N)(S) SEC LINE						
± ;±,		FROM (E)(VV) SEC LINE						
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		FROM (N)(S) SEC LINE						
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		SECTN.R						
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INSTRUCTIONS

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	Belton Unit	Belton Unit	Belton Unit	Belton Unit	Belton Unit	Belton Unit	Belton Unit	Belton Unit	Belton Unit	LEASE
	R-36	R-33	R-32	R-31	R-30	R-29	R-28	R-27	R-26	WELL
SEC. 16 T. 46 N.R. 33W	20 20	1247 FROM (P)(W) SEC LINE 1247 FROM (E)(W) SEC LINE SEC. 16 T. 46 N.R. 33W	SEC. 16 T. 46 N.R. 33W	225 FROM (IV)(S) SEC LINE 170 FROM (E)(V) SEC LINE SEC. 16 T. 46 N.R. 33W	11) G FROM (F)(6) SEC LINE 11) G FROM (F)(N) SEC LINE SEC. 16 T. 46 N.R. 33W	THE FROM (N) SECLINE LOT OF FROM (E) W) SECLINE SEC. 16 T. 46 N.R. 33W	3/514FROM (E)XW) SEC LINE SEC. 16 T. 46 N.R. 33W	159 FROM (N)(6)SEC LINE 351 FROM (15)(N) SEC LINE SEC. 16 T. 46 N.R. 33W	STUTFROM (NS) SEC LINE THE THE THE SEC 16 T. 46 N.R. 33W	LOCATION
	K.R.E.D	K.R.E.D.	K.R.E.D.	K.R.E.D	K.R.E.D.	K.R.E.D	K.R.E.D	K.R.E.D	K.R.E.D	OWNER
	760'	700'	750'	750'	750'	750'	681'	700'	643'	DEPTH
	0	0	0	0	0	0	0	0	Plugged	TYPE
	04/02/2012	03/21/2012	03/14/2012	03/27/2012	03/23/2012	03/24/2012	04/10/2012	04/06/2012	03/08/2012	DATE SPUDDED
			Complete	04/27/2012	<				Not	DATE
	733.5' of 4 1/2" casing cemented to surface	663' of 4 1/2" casing cemented to surface	743' of 4 1/2" casing cemented to surface	740' of 4 1/2" casing cemented to surface	697' of 4 1/2" casing cemented to surface	740' of 4 1/2" casing cemented to surface	656' of 2 7/8" casing cemented to surface	685' of 2 7/8" casing cemented to surface	Set 21 feet of 8 5/8" surface pipe Squeezed cement from 643" to surface to plug well on 04/17/2012	CONSTRUCTION

INSTRUCTIONS

LEASE	WELL	LOCATION	OWNER	DEPTH	TYPE	DATE	DATE	CONSTRUCTION
Belton Unit	AD 9-2	150 FROM (E)(W) SEC LINE	K.R.E.D.	760'	0	03/30/2012	257	741' of 4 1/2" casing cemented to surface
P.C. Hamaning A. Amining A. Amini		SEC. 9 T. 46 N.R. 33W					COMPLEX	
Belton Unit	AD11-2	AD11-2 534 FROM (E)(W) SEC LINE	K.R.E.D.	750'	0	03/12/2012	04/27/2012	737' of 4 1/2" casing cemented to surface
		SEC. 9 T. 46 N.R. 33W						
Belton Unit	AD16-2	AD16-2 1084 FROM (E)(W) SEC LINE	K.R.E.D.	760'	0	03/28/2012	04/27/2012	739' of 4 1/2" casing cemented to surface
		SEC. 9 T. 46 N.R. 33W						
Belton Unit	AD-20	1891 FROM (E)W) SEC LINE	K.R.E.D	760'	0	03/29/2012	No+	740° of 4 1/2" casing cemented to surface
		SEC. 9 T. 46 N.R. 33W					Compare	
Belton Unit	AD-26	1985 FROM (N)(S) SEC LINE	K.R.E.D	770'	0	04/05/2012		745' of 4 1/2" casing cemented to surface
		SEC. 9 T. 46 N.R. 33W					***************************************	
		19 5 FROM (N) (B) SEC LINE						7441 0 4 4 4 10 10 10 10 10 10 10 10 10 10 10 10 10
Belton Unit	AD-27	147 UFROM (E)(W) SEC LINE	K.R.E.D.	760'	0	03/30/2012	w.am 000 000000000000000000000000000000000	74 014 1/2 casing cemented to surface
		SEC. 9 T. 46 N.R. 33W					************	
		23910FROM (N)(S)SEC LINE						COO - 50 7/0"
Belton Unit	AD-31	AD-31 2342 FROM (E)W) SEC LINE	K.R.E.D.	701'	0	04/12/2012		ooo oi z //o casing cemented to surface
		SEC. 9 T. 46 N.R. 33W						
	6.	ALIOSFROM (N)(S) SECLINE			Telephone and the second secon			77.61 - \$ 7 17.00
Belton Unit	AD-32	181 WFROM (E)W) SEC LINE	K.R.E.D.	760'	0	04/06/2012	PRIA TRANSPORTATION	743 OF 4 1/2 casing centented to surface
		SEC. 9 T. 46 N.R. 33W	700 y 2 y 1 market				***************************************	
		FROM (N)(S)			***************************************			
Belton Unit	AD-33	HOFROM(B)(W) SEC LINE	K.R.E.D.	760'	0	04/03/2012	aleh .	/41' of 4 1/2" casing cemented to surface
		SEC. 9 T. 46 N.R. 33W			Ì		₹	
MO 780-1136 (02-11)			Section of the sectio	Agreement and a second	COMMISSION OF THE PERSON NAMED IN CO.			

INSTRUCTIONS

	-		9.					
LEASE	WELL.	LOCATION	OWNER	DEPTH	TYPE	SPUDDED	DATE	CONSTRUCTION
Belton Unit	AD-34	X X	K.R.E.D.	700'	0	10	Not	686' of 2 7/8" casing cemented to surface
		SEC. 9 T. 46 N.R. 33W					Campicia	
		FROM (N)(S) SEC LINE						
		FROM (E)(W) SEC LINE						
		SEC. T. N.R.						
		FROM (N)(S) SEC LINE						
		FROM (E)(W) SEC LINE				- Advisoration		
		SEC. T. N.R.						
		FROM (N)(S) SEC LINE						
		FROM (E)(W) SEC LINE						
		SEC. T. N.R.						
		FROM (N)(S) SEC LINE						
		FROM (E)(W) SEC LINE						
		SEC. T. N.R.						
		FROM (N)(S) SEC LINE						
		FROM (E)(W) SEC LINE						
		SECTN.R						
		FROM (N)(S) SEC LINE						
		FROM (E)(W) SEC LINE						
		SEC. T. N.R.						
		FROM (N)(S) SEC LINE		4				
		FROM (E)(W) SEC LINE		- UA)!!				
		SEC. T. N.R.					Lamon - As	
		FROM (N)(S) SEC LINE						
		FROM (E)(W) SEC LINE						
MO 780-1176-103-111		SEC. T. N.R.						
MO 780-1136 (02-11)								Per continued and the continue

AFFIDAVIT OF PUBLICATION

(Space above for recording information)

STATE OF MISSOURI COUNTY OF CASS

SS.

l, Janis Anslinger, being duly sworn according to law, state that I am the Classified Ad Manager of the Cass County Democrat-Missourian, a weekly newspaper of general circulation in the County of Cass, State of Missouri, where located; which newspaper has been admitted to the Post Office as periodical class matter in the City of Harrisonville, Missouri, the city of publication; which newspaper has been published regularly and consecutively for a period of three years and has a list of bonafide subscribers, voluntarily engaged as such who have paid or agreed to pay a stated price for a subscription for a definite period of time, and that such newspaper has complied with the provisions of Section 493.050, Revised Statutes of Missouri 2000, and Section 59.310, Revised Statutes of Missouri 2000. The affixed notice appeared in said newspaper in the following consecutive issues: 12 Insertion: Vol. 132 No. 29. 4 day of MAY 20 12

		30,00	
2 st Insertion: Vol	No	day of	20
3º Insertion: Vol	No	day of	20
4º Insertion: Vol	No	day of	20
		day of	
	Jane	Duele	ugle
	/ Jamis An	slinger, Classified	Ad Manage
Subscribed and su	varii to before	may on this 24h	day pf

Kansis Persource Exploration & Development, LLC, 9398 W 110⁴ St., Ste. 500, Overland Park XS. 66210, has applied for 30 injection well permits to be disiled to an approximate displit of 659 field. Water will be injected used one significant sandstone former Son for an Entlanced Oil Recovery Project at the following Ecotopics.

RRW-42 5, 135 from 5 line/317 from E line, Section 16, Township 46N, Range 33W RRW-43 8, 135 from 5 line/317 from E line, Section 16, Township 46N, Range 33W RRW-43 4, 130 from 5 line/3175 from E line, Section 16, Township 46N, Range 33W RRW-43 4, 685 from 5 line/3, 185 from E line, Section 15, Township 46N, Range 33W RRW-45 4, 261 from 5 line/3, 187 from E line, Section 16, Township 46N, Range 33W RRW-47 4, 752 from 5 line/3, 187 from E line, Section 16, Township 46N, Range 33W RRW-47 4, 752 from 5 line/3, 187 from E line, Section 16, Township 46N, Range 33W RRW-48 4, 168 from 5 line/2, 713 from E line, Section 16, Township 46N, Range 33W RRW-59, 4, 652 from 5 line/2, 715 from E line, Section 16, Township 46N, Range 33W RRW-50 4, 652 from 5 line/2, 726 from E line, Section 16, Township 46N, Range 33W RRW-50 4, 652 from 5 line/2, 726 from E line, Section 16, Township 46N, Range 33W RRW-52 5, 100 from 5 line/2, 287 from E line, Section 16, Township 46N, Range 33W RRW-52 5, 100 from 5 line/2, 287 from E line, Section 16, Township 46N, Range 33W RRW-53 4, 658 from 5 line/2, 287 from E line, Section 16, Township 46N, Range 33W RRW-53 6, 668 from 5 line/2, 287 from E line, Section 16, Township 46N, Range 33W RRW-54 4, 677 from 5 line/2, 287 from E line, Section 16, Township 46N, Range 33W RRW-54 4, 287 from 5 line/2, 287 from E line, Section 16, Township 46N, Range 33W RRW-54 4, 714 from 5 line/2, 287 from E line, Section 16, Township 46N, Range 33W RRW-59 4, 714 from 5 line/1, 878 from E line, Section 16, Township 46N, Range 33W RRW-59 4, 714 from 5 line/1, 878 from E line, Section 16, Township 46N, Range 33W RRW-59 4, 714 from 5 line/1, 878 from E line, Section 16, Township 46N, Range 33W RRW-59 4, 714 from 5 line/1, 878 from E line, Section 16, Township 46N, Range 33W RRW-59 4, 714 from 5 line/1, 878 from E line, Section 16, Township 46N, Range 33W RRW-59 4, 714 from 5 line/1, 878 from E line, Section 16, Township 46N, Range 33W RRW-59 4, 714 from 5 line/1, 878 from E line, Section 16, Township 46N, Range 33W RRW

Written comments or requests for sadicional information regarding such wells should be directed within fifteen (15) days of this notice to the address below.

State Geologist Misseuri Off & Gas Council P.O. Box 250 Rolls, MO 65401

79-1

JULIE M. HICKS
Notary Public, Notary Seal
State of Missouri
Cass County
Commission # 09727108
My Commission Expires June 12, 2013